

Abstract Amendments

ABSTRACT OF THE DISCLOSURE:

ad ~~There is disclosed a method for evaluating measured data, in which the measured~~
Measured analog data are digitalized by a plurality of analog-to-digital converters, and
~~the digitalized measured data are disseminated to a processor, processed in the processor~~
~~and the results are output. The digitalized measured data are~~ intermediately stored in a
shift register, in particular a FIFO memory, until completion of the acquisition of all
digitalized measured data which are to be processed simultaneously, and read out
~~together. After having read out all memory values~~ All digitalized measured data
necessary for simultaneously processing, the computation of the results is executed in the
are read out from the shift register and are directed to a digital signal processor. A device
~~for obtaining measured values from measured data includes an A/D converter, a digital~~
~~signal processor and a shift register arranged between the A/D converter and the digital~~
signal processor for computation of respective measured values.